

### **ABSTRACT OF THE DISCLOSURE**

A method and apparatus provides for control of the quality of service for service groups by controlling the power of each service group. The carrier-to-interference requirements for which each service group achieves its minimum acceptable link quality is determined. The difference in carrier-to-interference requirements due to different requirements of fractions of satisfied users is compensated for. A power offset between the service group is determined using the compensated carrier-to-interference requirements.

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